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seq_name: gb_dai:ECFABHDG
seq_documentation_block:
  LOCUS           1440 bp      DNA           BCT           30-JUN-1993
  DEFINITION      E.coli fabH and fabd genes for 2-ketoacyl-acyl carrier protein
  ACCESSION       Z11565.1 GI:41363
  VERSION         Z11565.1
  KEYWORDS        2-ketoacyl-acyl carrier protein synthase III; malonyl CoA-acyl
  SOURCE          carrier protein transacylase.
  ORGANISM        Escherichia coli.
                  Escherichia coli.
                  Bacteria; Proteobacteria; gamma subdivision; Enterobacteriaceae;
                  Escherichia.
  REFERENCE       1 (bases 1 to 1440)
                  Magnuson,K., Oh,W., Larson,T.J. and Cronan,J.E. Jr.
                  Cloning and nucleotide sequence of the fabd gene encoding malonyl
  JOURNAL         coenzyme A-acyl carrier protein transacylase of Escherichia coli
  MEDLINE         PMID: 299 (3), 262-266 (1992)
  REFERENCE       2 (bases 1 to 479)
                  Tsay,J., Oh,W., Larson,T.J., Jackowski,S. and Rock,C.O.
                  Isolation and characterization of the 2-ketoacyl-acyl carrier
  JOURNAL         protein synthase III gene (fabH) from Escherichia coli K-12
  REFERENCE       3. Biol. Chem. (1992) In press
                  Larson,T.
  JOURNAL         Direct Submission
  REFERENCE       Submitted (09-JAN-1992) Larson T., Virginia Polytechnic Institute
  JOURNAL         and State University, Blacksburg, Virginia, USA
  TITLE           Location/Qualifiers
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 Ratio: 2.786 Gaps: 4
 Percent Similarity: 74.516 Percent Identity: 45.484

alignment_block:

us-09-308-397-2 x ECFABHDG ..

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34 sParGAlaSerGlnValLeuGlyTyrAspLeuArgTyrLeuIleAspThr 50
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147 LysAlaSerGlnLeuGlyValValThrProAlaSerThrProAl 163
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seq_name: gb_bai:ECOFABD

seq_documentation_block:

LOCUS ECOFABD 1608 bp DNA BCT 26-APR-1993

DEFINITION Escherichia coli malonyl coenzyme A-acyl carrier protein (fabD)

gene, complete cds.

VERSION M87040.1 GI:145885

KEYWORDS fabD gene; malonyl coenzyme A-acyl carrier protein transacylase.

SOURCE Escherichia coli (strain K-12) DNA.

ORGANISM Escherichia coli

Bacteria; Proteobacteria; gamma subdivision; Enterobacteriaceae;

Escherichia

1 (bases 1 to 1608)

Verwoert,I.G.S., Verdre, E.C., van der Linden, K.H., Nijkamp, H.J.

and Stultje, A.R.

Cloning, nucleotide sequence, and expression of the Escherichia

coli fabD gene, encoding malonyl coenzyme A-acyl carrier protein

transacylase

J. Bacteriol. 174, 2851-2857 (1992)

92234941

FEATURES

source

CDs

RBS

gene

CDs

Location/Qualifiers

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